

1430 U.S. PTO
06/20/03

Patent Application Transmittal

(only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Correspondence Address:
FROMMER LAWRENCE & HAUG LLP
745 FIFTH AVENUE
NEW YORK, NEW YORK 10151
TEL: (212) 588-0800
FAX: (212) 588-0500

17525 U.S. PTO
10/600902
06/20/03

Date: June 20, 2003

Attorney Docket No.: 450100-04605

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

With reference to the filing in the United States Patent and Trademark Office
of an application for patent in the name(s) of:

Hideki AWATA, Masayuki TAKADA

entitled:

POSITIONING RECEIVER AND POSITIONING CALCULATION METHOD

The following are enclosed:

Specification (75 pages)
 22 Sheet(s) of Drawings
 7 Claim(s) (including 3 independent claim(s))
 This application contains a multiple dependent claim

Our check for \$ 750.00, calculated on the basis of the claims as
amended by any enclosed preliminary amendment as follows:

Basic Fee, \$750.00 (\$375.00)	750.00
Number of Claims in excess of 20 at \$18.00 (\$9.00) each	-0-
Number of Independent Claims in excess of 3 at \$84.00 (\$42.00) each	-0-
Multiple Dependent Claim Fee at \$280.00 (\$140.00)	-0-
Total Filing Fee	\$ 750.00
Assignment Recording Fee \$40.00	-0-

Oath or Declaration and Power of Attorney
 New signed unsigned
 Copy from a prior application (37 C.F.R. 1.63(d))

Certified copy of each of the following application(s) to substantiate
the claim(s) for priority made in the Declaration:

<u>Application No.</u>	<u>Filed</u>	<u>In</u>
2002-182380	24 June 2002	Japan

Please charge any additional fees required for the filing of this
application or credit any overpayment to Deposit Account No. 50-0320.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By: 
William S. Frommer
Reg. No. 25,506

20999
PATENT TRADEMARK OFFICE

"Express Mail" mailing label number EV345017959US

Date of Deposit June 20, 2003

I hereby certify that this paper or fee, and a patent application and accompanying papers, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Barnet Shindman

(Typed or printed name of person mailing paper or fee)

Barnet Shindman

(Signature of person mailing paper or fee)

FROMMER LAWRENCE & HAUG LLP

745 FIFTH AVENUE NEW YORK, NEW YORK 10151

TEL: (212) 588-0800 FAX: (212) 588-0500

WILLIAM S. FROMMER
WILLIAM F. LAWRENCE
EDCAR H. HAUG
MATTHEW K. RYAN
BARRY S. WHITE
THOMAS J. KOWALSKI
JOHN R. LANE
DENNIS M. SMID*
DANIEL G. BROWN
BARBARA Z. MORRISSEY
STEVEN M. AMUNDSON
MARILYN MATTHES BROGAN
JAMES K. STRONSKI
CHARLES J. RAUBICHECK
GRACE L. PAN*
GORDON KESSLER
MARE W. RUSSELL*
JEFFREY A. HOVDEN
RONALD R. SANTUCCI
RICHARD E. PARKE
ANDREW M. BERDON
LEONARD J. SANTISI
PORTER F. FLEMING

A. THOMAS S. SAFFORD
JEROME ROSENSTOCK
RAYMOND R. WITTEKIND, PH.D.
of Counsel

BRUNO POLITO
CHRISTIAN M. SMOLIZZA
GLENN F. SAVIT
ROBERT E. COLLETTI
DEENA LEVY WEINHOUSE
DARREN M. SIMON
JOHN G. TAYLOR
DAVID A. ZWALIN
SAMUEL H. MECERDITCHIAN
KEVIN MURPHY
TERRI-LEE YOUNG
PEARL TENG LINQ SIEW
DAMON A. TREITLER
TEDD W. VAN BUSKIRK
STEPHEN J. LIEB
FRANCINE S. ADLER
HANS R. MAHR*
ARTHUR L. HOAG
SANDRA KUZMICH, PH.D.
DANIEL VELEZ
ALI R. SAMADI
SEAN J. GRYCIEL
*Admitted to a Bar
other than New York

June 20, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application
Applicants: Hideki AWATA, Masayuki TAKADA
Our Ref.: 450100-04605

Dear Sir:

Enclosed are papers constituting the above patent application which is being filed under 37 C.F.R. 1.53 without a signed Declaration. Please accord a filing date and a serial number to such application and inform the undersigned thereof so that a signed Declaration and the surcharge required by 37 C.F.R. 1.16(e) may be duly filed.

Please address all correspondence to:

William S. Frommer, Esq.
FROMMER LAWRENCE & HAUG LLP
745 Fifth Avenue
New York, New York 10151

Respectfully,



William S. Frommer
Reg. No. 25,506
Attorney for Applicants
Enclosures